V. W. BRINCKERHOFF'S

WHOLESALE CATALOGUE

OF

SURGICAL AND DENTAL

INSTRUMENTS;

MEDICINE CHESTS, FOR SHIP, FAMILY AND PLANTATION USE; APOTHECARY'S SCALES AND WEIGHTS, MEDICAL SADDLE BAGS, AND DRUGGISTS' ARTICLES

ADAPTED TO THE WHOLESALE TRADE.

REVISED EDITION.

Salesroom, 88 John St., cor. of Gold.

STEAM MANUFACTORY, BROOKLYN, E. D.

New-York:

EDWIN E. BOOTH, GENERAL JOB PRINTER,

284 Pearl and 107 Beekman Street.

1859.

PREFACE.

The former issues of our Catalogue having been exhausted, the attention of the Drug Trade is solicited to the following revision, in which the prices of net articles are reduced where circumstances admit, while all goods subject to the trade discount will compare favorably with any other productions, quality being always the criterion.

Manufacturing our goods largely, with the facilities which time and experience suggest, employing none but experienced workmen at prompt cash prices, and combining a large assortment of goods adapted to the requirements of the trade, I am enabled to offer unusual inducements to large buyers, and the advantage of concentrating their purchases, or combining them in one bill, in lieu of scattering their accounts.

To the Southern and Western Trade again I desire to direct their particular attention to our improved styles and great variety of Medicine Chests and Medical Saddle Bags. As will be observed on pages 32 and 33, the Mahogany Chests numbering from 1 to 5 inclusive, are made of the finest grained and seasoned mahogany I can procure ; dovetailed together, giving them an elegant appearance, and at the same time the greatest strength to resist the action of different climates. The Black Walnut are constructed in the same manner, and highly polished. Following are correct illustrations of the Chests and Saddle Bags.

During the past year, to meet the requirements of trade, I have added most advantageously to my stock—French Anatomical Preparations, Skeletons of various grades, Beranger Balances of Lyons, and English Elastic Goods, which I shall continue to sell at the lowest importing prices.

Dentists, Surgeons, Physicians or Druggists commencing business, or requiring additional stock, are invited to examine our goods ; or if they will order from the Catalogue direct, the same care and attention will be observed in selecting and forwarding as if they attended personally.

All Instruments having our stamp upon them are warranted, and anything sent not in accordance with the order may be returned and exchanged.

Terms : Invoices exceeding $100, 6 months, for approved paper ; less amounts, 5 per cent. off for cash.

New-York, Jan. 1*st*, 1859.

INDEX.

Amputating Instruments.....Page 5
Amputating and Trephining..... 6
Anatomical Syringes, &c..... 21
Anatomical Preparations..... 21
Cupping Instruments..... 11
Catheters, Bougies, &c..... 16
Case Sealing and Filling Instruments..... 29
Dissecting, &c..... 20
Dental Instruments..... 28
Dental Cases..... 30
Eye Instruments..... 10
Fracture Apparatus..... 25
Forceps..... 28
Graduated Measures..... 27
Glass Syringes..... 26
Glaziers' Diamonds..... 39
Hydrocele Instruments..... 10
Hearing Trumpets..... 24
Lithotomy..... 11
Miscellaneous Amputating Instruments..... 5
Miscellaneous Pocket Instruments..... 9
Miscellaneous Eye Instruments..... 10
Miscellaneous Instruments..... 18
Miscellaneous Dissecting..... 20
Metal Syringes..... 26
Medicine Chests..... 32
Medical Saddle Bags..... 35
Magneto-Electric Machines..... 37
Obstetrical..... 13
Pocket Instruments..... 7
Pessaries..... 17
Post Mortem..... 20
Powder Folder..... 45
Pill Machines..... 25
Physicians' Pocket Vial Cases..... 25
Retort Stands..... 45
Specula, Dilators, &c..... 15
Stethoscopes..... 17
Stomach, Injecting, &c..... 18
Silk Elastic Stockings, Knee Caps, and Belts..... 24
Spatulas..... 40
Scarificators, Spring and Thumb Lancets..... 14
Scales and Weights..... 40
Tooth Keys..... 28
Tongue Holders..... 29
Trephining..... 6
Trusses, Supporters, Bandages, &c..... 22
Thermometers and Barometers..... 38
Veterinary..... 17
Womb Syringes..... 26
Welch's Splints..... 47

CATALOGUE.

AMPUTATING INSTRUMENTS.

Case consisting of, viz:

Large Saw	$3 00
Metacarpel Saw	1 50
Two Capital Knives, each $2 00	4 00
Catlin	1 50
Bone Nippers	1 50
Brass Screw Tourniquet	1 50
Artery Forceps	75
Needles	75
Scalpel	75
Tenaculum	75
Neat Mahogany Case, velvet lined	2 00
	$18 00
Case same as above, Ferruled Handles, neat brass-bound Rosewood Case,	22 00
Same, in Ivory handles	26 00

MISCELLANEOUS AMPUTATING INSTRUMENTS.

Liston's Knife, for Flap Operation, in neat Morocco Case	4 50
Liston's large bone Forceps, with Spring	3 00
do do do without do	2 50
do small do do do	2 00
Plain Bone Forceps, with Spring	2 00
do do without do	1 50
Imp'd Spiral Tourniquets, per doz	18 00
do Artery Forceps, with Catch, each	1 50
do do do do Slide do	1 00
Plain do do do	50
Amputating Saw	3 00 and 4 00
Metacarpel do	1 50 " 2 00
Capital Amputating Knives	2 00 " 2 50
Catlins	1 50, 2 00 " 2 50
Scalpel or Finger Knife	1 00 " 1 50
Tenaculum	75c., 1 00 " 1 50

AMPUTATING AND TREPHINING.

Large Saw	$4 00
Metacarpel Saw	2 00
Hey's Scull do	2 00
Two Knives.....each 2 50	5 00
Catlin	2 00
Scalpel	1 00
Tenaculum	1 00
Artery Forceps, with Slide	1 00
Brush	50
Tourquinet and Strap	1 50
Needles	75
A pair of Trephines, Sliding Centres	6 00
Elevator	1 00
Liston's large Bone Forceps	2 50
Neat brass-bound Rosewood Case	4 75
	$35 00
Same in Ivory Handles	40 00

TREPHINING.

A pair of Trephines, Sliding Centres	6 00
Hey's Scull Saw	1 50
Pair Forceps	50
Elevator	75
Strong Scalpel	75
Brush	50
Neat Case	1 00
	$11 00
Same in Ivory	13 00

SIR A. COOPER'S MINOR OPERATION INSTRUMENTS.

Two Curved Bistouries.....1 00 each	2 00
Hernia do	1 00
Aneurism Needle	75
Four Scalpels.....50c. each	2 00
Double Tumor Hook, with Slide	2 00
Tenaculum	50
Improved Artery Forceps	1 00
Dissecting do	50
Director	50
Scissors	75
Needles	75
Rosewood Case and Name Plate	3 25
	$15 00

DR. MOTT'S COMPACT CASE FOR GENERAL OPERATIONS.

Three long Amp'g Knives, asst'd sizes, Ivory Handles
One Amputating Saw.....
One Metacarpel " .....
One Pair Bone Forceps.....
Four Scalpels, assorted, Ivory Handles.....
Three Bistouries, Curved do do.....
One " Straight do do.....
Three Eye Knives do do.....
Four do Needles.....
One Curette and Hook.....
Two pair Eye Scissors.....
do do Forceps.....
One Mott's Eye Speculum.....
One pair Curved Retractors.....
One Dozen Needles, assorted.....
One set Aneurism Needles.....
One Tenaculum.....
One Tourniquet and Strap.....
One pair Trephines.....
One Scull Saw.....
One Elevator.....
One pair Seraphines.....
In a neat Mahogany Case....net..... $50 00

LIST OF INSTRUMENTS IN MINOR OPERATING CASE.

One Small Amputating Knife.....
One pair Bone Forceps.....
One Amputating Saw, Shifting Back.....
One pair Slide Artery Forceps.....
One Trephine, medium size.....
One Director (Cooper's).....
Four Scalpels, assorted.....
Three Bistouries, Probe, Sharp, and Hernia.....
One Tenaculum.....
One Double Tumor Hook.....
One set Aneurism Needles.....
One pair Probes.....
Two pair Scissors.....
One Trephining Brush.....
One Large Scalpel.....
Needles, &c., &c.....
In a neat Mahogany Case....net..... 25 00

POCKET INSTRUMENTS.

Case No. 1, *Horn Handles.*

Spatula..... 50

Dressing Forceps	$ 50
Two Curved Bistouries, Probe and Sharp	1 00
Director	33
Ivory Caustic Case	50
Scalpel	50
Artery Forceps	50
Tenaculum	33
Gum Lancet	33
Pair Probes	33
Seton Needle	50
Exploring do	33
Abscess Lancet	33
Tonsil Forceps	58
Female Catheter	50
Two pair Scissors	1 00
Neat Morocco Case	94
	$9 00
No. 1, Fine, same as above, in Tortoise Shell Handles, Fine Gilded Morocco Case, Silk Velvet Lined	12 00
No. 1, extra, same with Spring back Instruments, and Compound Catheter, same style Case	20 00
No. 1, extra, Double Spring back Instruments, and Parker's Catheter	20 00
Case No. 2, Horn Handles.	
Spatula	50
Dressing Forceps	50
Two Curved Bistouries, Probe and Sharp	1 00
Director	33
Ivory Caustic Case	50
Scalpel	50
Scissors	50
Tenaculum	33
Pair Probes	33
Seton Needle	50
Abscess Lancet	33
Artery Forceps	50
Gum Lancet	33
Neat Morocco Case	85
	$7 00
No. 2, Fine, same as above, in Tortoise Shell Handles, Fine Morocco Case, Silk Velvet Lined, and Gilt Edge	10 00
Case No. 3, Horn Handles.	
Spatula	50

Dressing Forceps	$ 50
Bistouric	50
Director	33
Scalpel	50
Scissors	50
Tenaculum	33
Pair Probes	33
Abscess Lancet	33
Artery Forceps	50
Gum Lancet	33
Neat Morocco Case	35
	$5 00
No. 3 Fine, same in Tortoise Shell Handles, Fine Case	8 00

MISCELLANEOUS POCKET INSTRUMENTS.

Spatulas	per doz	6 00
Bistouries, Horn Handles	"	6 00
do Shell do	"	9 00
Scalpels, Horn do	"	6 00
do Shell do	"	9 00
Seton Needles, Horn Handles	"	6 00
do do Shell do	"	9 00
Abscess Lancets, Horn do	"	4 00
do do Shell do	"	6 00
Gum Lancet, Horn Handles	"	4 00
do do Shell do	"	6 00
Curved Scissors	"	9 00
Straight do	"	6 00
Silver Probes, per dozen pair	net	6 00
German Silver Probes, per dozen pair		4 00
Needles, per doz		1 00
Silver Caustic Cases, single, each net		1 25
do do Telescopic, 2 joints, net per doz.		18 00
do do do 3 do do		24 00
Ebony do long, with Silver points do		12 00
Ivory do	per doz	6 00
Dressing Forceps, plain		6 00
Directors, plain		4 00
do Cooper's		6 00
Artery Forceps, plain		6 00
Tenaculums, Horn Handles		4 00
do Shell do		6 00
Exploring Needles, Horn Handles		4 00
do do Shell do		6 00

EYE INSTRUMENTS.

A Set, consisting of

Four Knives	$4 00
Three Needles	2 25
Curette and Hook united	1 25
Adams' Silver Wire Speculum	1 00
Two Forceps	1 00
Two Scissors	1 50
Neat Morocco Case	1 50
	$12 00

A Set for Strabismus, viz.:

Bistourie, Curved	75
do Straight	75
Scissors	50
Forceps	50
Blunt Hook	75
Double do	1 00
Speculum	1 00
Morocco Case	75
	$6 00

MISCELLANEOUS EYE INSTRUMENTS.

Eye Scissors.....50c. to	75
do Forceps	50
do Speculum.....net	1 00
do do Mott's Spirial Spring.... do	2 50
do Knives, various shapes, each	1 00
do Needles, Ivory Handles do	75
Curette and Hook do	1 25
Anell's Silver Eye Syringe.....net	10 00
do White Metal Eye Syringe	2 50
Lachrymal Styles.....per doz	4 50
do Probes..... " ...net	3 00

HYDROCELE INSTRUMENTS.

A Set, consisting of

G. E. Bag, for Injecting, Stop Cock, Trocar and Canula, in neat case	4 50
Trocar and Canula, small	1 50
do do large	2 00
do do small, flat	1 50

Trocar and Canula, long, curved Rectum.....	$3 00
Tracheotomy Tubes.....net....$2 00 and	2 50

LITHOTOMY.

Case consisting of

Four Lithotomy Forceps, Hamula and Scoop, two Cooper's Bistouries, Curved and Straight; four Curved Staffs, four Curved Sounds, Male; one Straight Staff, one Straight Sound, Female; set Physick's Gorgets, neat Mahogany Case.....	40 00
Dr. Physick's Gorgets, per set.....	7 00
Assalini's Stone Forceps, movable joint.....	3 00
Plain do do.....	2 00
Male or Female Staffs, each.....	1 50
do do do Ivory Handles, each.....	2 00
do do Sounds, each.....	75
do do do Ivory Handles, each.....	1 25
Lithotomy Scalpels, each.....	1 25
do Bistouries, do.....	1 25
Hamula and Scoop, do.....	2 00

CUPPING INSTRUMENTS.

Case No. 1, *Stop Cock.*

Five Glasses, for Stop Cock,	
One Glass, for Breast,	
Three Stop Cocks,	
Exhausting Brass Pump,	
Neat Mahogany Case.....	$5 50
With American plain action Scarificator.....	8 75
" " Rev. " "	9 50

Case No. 2.

Four Glasses, two Stop Cocks, Exhausting Pump,	
Neat Mahogany Case.....	4 50
With plain American Scarificator.....	7 75
" Rev. " "	8 50

Case No. 3.

Three Glasses, two Stop Cocks, Exhausting Pump, neat case	$3 75

CUPPING INSTRUMENTS.

Case No. 1, *Valve.*

Five Valve Glasses, One do Glass for Breast, Exhausting Pump, brass, Neat Mahogany Case	4 50
With American plain action Scarificator	7 50
" " Rev. " "	8 50

Case No. 2, *Valve.*

Four Valve Glasses, Exhausting Pump, neat Mahogany Case	3 50

Case No. 3, *Valve.*

Three Valve Glasses, Exhausting Pump, neat Mahogany Case	3 00

Case No. 1, *Horn, consisting of*

Six Transparent Horn Cups, three Stop Cocks, Brass Exhausting Pump	6 25

MISCELLANEOUS.

Glass Cups, with Valves, per dozen	3 50
" " for Stop Cocks, " "	3 50
" " plain, " "	1 25
Horn Cups, with Valves, " "	4 00
" " for Stop Cocks, " "	4 00
" " plain, in nests, " "	3 50
Breast Glasses	5 50
Brass Stop Cocks	4 50
Brass Cupping Pumps	12 00
Brass Stomach and Cupping Pump, with Injecting Apparatus, combined with six Glasses, in neat Mahogany Case,	10 00
White Metal Stomach Pump and Injecting Apparatus combined, in neat Mahogany Case,	4 50
Rubber Cups, with Glasses attached, per dozen	9 00

OBSTETRICAL.

1 2 3 4

5 6 7 8

No. 1—Bedford's Forceps	$7 00
No. 2—Dewees' do	5 50
No. 3—Davis' do	6 50
No. 4—Heighton's do long	6 00
No. 5—Hodge's do	6 00
No. 6—Holmes' Craniotomy Forceps	6 00

No. 7—Davis' do do	$6 00
No. 8—Smelley's Perforator	4 00
Dewees' do	1 75
Bedford's do	2 00
Vectis, Crotchet and Hook, with one Handle	5 00
Boudeloque's Forceps	6 00
Ramsbottom's do	6 00
Denman's do	6 00
Bedford's Blunt Hook and Crotchet, guarded	4 00
Vectis, folding	3 00
do plain	2 00
Blunt Hook and Crotchet, plain	1 25
Single Catheter, female, slide	1 50
Metallic do do	25

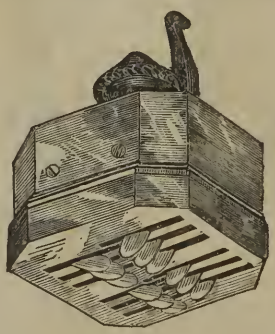
A Set, consisting of

Prof. G. S. Bedford's Forceps, with rings, Prof. G. S. Bedford's Blunt Hook and Guarded Crotchet, Vectis, Perforator, neat Morocco case	15 00

A Set, consisting of

Dewees' Forceps, Vectis, plain Blunt Hook and Crotchet, Perforator, neat Morocco case	12 00
Same with Hodge's Forceps	13 00
do do Davis' do and guarded Crotchet	14 00
do do Heighton's do long	11 00

SCARIFICATORS, SPRING AND THUMB LANCETS.



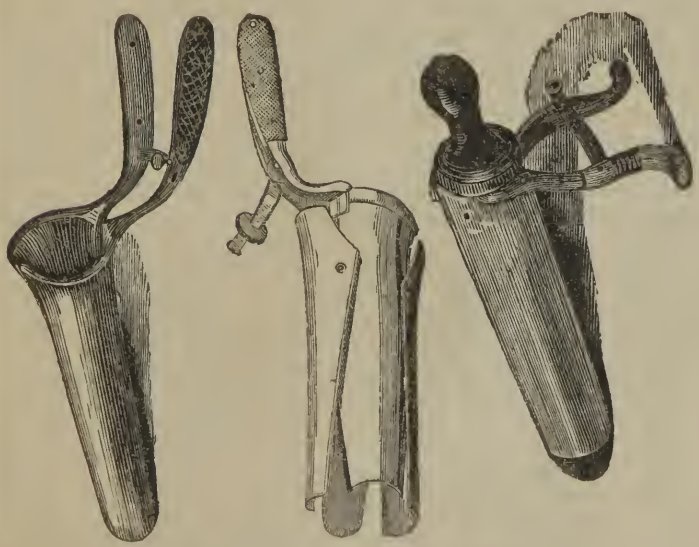
Improved 2 row, 12 blades, Reverse Scarificators, in pkge of ½ doz., per doz., net.	$36 00
do do 10 do do do	35 00
do 3 do 13 do plain action, do	31 50

Improved Am. 2 row, 12 blades, Reverse do....each	$4 00
do do do 10 do do do.... do	3 75
do do do 13 do plain action..... do	3 50
German Scarificators.....per doz., $24 to	36 00
Am. Brass Spring Lancets, Button No. 1,....per doz.	12 00
do do do Steel Lever, 2,.... do...	9 00
do do do Brass do 3,.... do...	7 00
do Ger sil. do Button do...	15 00
do do do Lever do...	12 00
Large Horse Spring Lancets.....do...	18 00
Spring Lancet Blades.....per doz. $1 50 and	2 00
Thumb Bleeding Lancets..... do 5 00 and	6 00
do do do Evans' Gen.....net, per doz.	6 25
do do do do Imt..... do....	4 00

SPECULA, DILATORS, &c.

Specula Vaginæ, steel, three branch, Wiess'.....	14 00
" " Ger. sil. ex., 2 blades, Record's Cut, 1,	5 00
" " " " 4 " movable " 2,	8 50
" " " " 3 " Boivin's " 3,	6 00
" " " " 3 " Spr. Handle....	8 00
" " " Coxeter's English Style.....	7 50

1 2 3



Specula Glass, Reflecting, silver lined, per dozen..... 10 00

Specula Glass, plain.....per doz.	$5 00
do White Metal.....	2 50
Speculum Auris, Kramer's.....see cut No. 4	2 00

4

do Ani, Pitney's.....	4 50
Urethral Dilator.....	8 00
Spermatorrhœal Rings.....per doz.	6 00

Simpson's Uterine Sound.....net.....see cut above	1 75
Speculum Forceps.....net	2 00

CATHETERS, BOUGIES, &c.

Silver Male Catheters.....net, per doz.	12 00
do do do assorted sizes..... do.....	15 00
do do do extra heavy..... do.....	18 00
do Female do do ..... do.....	7 50
do do do plain ..... do.....	6 00
do Bougies.....net, per doz., $12, $15,	18 00
do Compound Catheters..... do.....	24 00
Gooch's double Canula, for Polypi in Utero, each net..	4 50
Lallamand's Cauterizing Bougie, curved.....net	4 50
do do do straight..... "	3 50
Flexible Metallic Male Catheters.....net, per doz.,	4 50
do do Female do..... do.....	3 00
do do Bougies..... do.....	3 00
French Gum Elastic Catheters and Bougies, do gross	7 50
English Flexible Ivory Tipped Catheters and Bougies, best quality, per gross, net.....	25 00
do do do do single dozen,	2 50
do Stomach Tubes.....per doz., net,	9 00
do Rectum Bougies..... do....	9 00
do O. Burns' Rectile Tubes..... do....	9 00
do Vaginal Tubes..... do....	3 00
do Flexible Gas Tubing, three web, per case or yard, always on hand.	

PESSARIES—Net.

Silver Globe Pessaries	$3 00, 3 50 and	$4 00
do do do Gilt	4 50 and	5 00
do Hodge's do do	each $3 00, 3 50 and	4 00
Glass do do	per doz..	2 00
Hard Rubber do	per doz.	3 00
Stem do with stop cock for inflating,	do..	12 00
Meigs' Watch Spring Pessary	do..	7 50

STETHOSCOPES.

Dr. J. H. Whittaker's Improved	1 00
Laennec's Movable Cone	75
do do do Ivory	1 00
Trumpet shape, plain per doz	7 00
do do Horn do	9 00
do do Ivory do	12 00
Elliotson's Ivory mounted do	18 00
Improved Pleximeter do	18 00
Flexible Stethoscopes, covered with silk velvet, brass mounts each $2 00 and	2 50

VETERINARY.

Complete case of Pocket Instruments in Buffalo Horn, Clasp Handles.

Fleme Spring-back	1 75
Scalpel do	1 50
Drawing Knife do	1 50
Curved Bistourie do	1 50
Nicking Knife do	1 50
Seton Needle	75
Abscess Lancet	75
Bleeding do	75
Directors	75
Spatula	75
Rowelling Scissors	2 00
Spring Forceps	75
Straight Scissors	75
Hook and Tenaculum	50
Two Silver Probes	50
Six Suture Needles	75
Neat Morocco Case	3 25
Net	$20 00
Imp'd Spring Fleme, per doz	18 00
Horse Rasp, for Grinders, each $1 50 and	2 00
Metallic Horse Syringe, 48 oz., in Case, each	3 50
Stick Flemes, 1, 2, and 3 blade, per doz $4 00 to	6 00
Nicking-knives, 2 blades, each $1 50 and	2 50

MISCELLANEOUS INSTRUMENTS.

Fahnestock's Instruments for removal of the Tonsil.—Of all the instruments specially contrived for this object, this is probably the best; and, for operating upon young or timid persons, it is much more available than the knife or scissors. See Cut.—*Ed. Miller's Practice of Surgery.*

Fahnestock's Tonsil Instruments.....	$6 00
Bush's do with spring Forceps	10 00
March's do do ..	9 00
Improved Tonsil Scissors.....	3 00
do do do with Forceps....	7 00
Accupuncture Needles.....per doz.	3 00
Silver Hair-lip Pins..... do ..	4 50
Double silver Canula, for Nasal Polypus, each net.....	1 25
Throat Forceps, each.....$1 50 and	2 00
Polypus do do.....1 50 and	2 00
Ball do do.....	2 00
do Scoops do.....	1 00
Probangs, with sponge, per doz..$3 00 and	4 50
do do silver bucket ends, per doz. net.....	18 00
Dr. Parrish's Needles in sets, for deep-seated Arteries, per set.....	3 00
Chain Saws, each.....net.....$10 to	15 00
Brass Compound Pulleys, per set.....	5 00

STOMACH, INJECTING, &c.

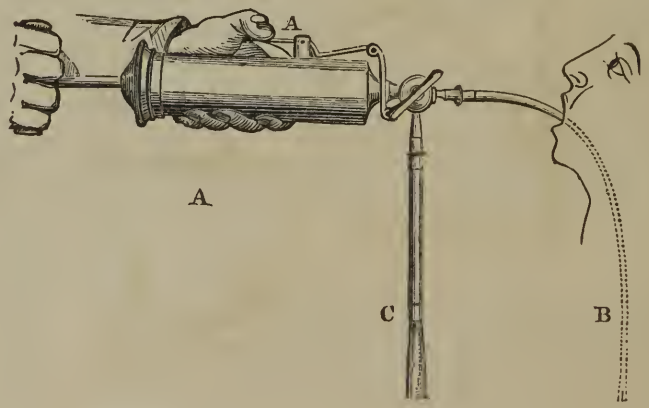
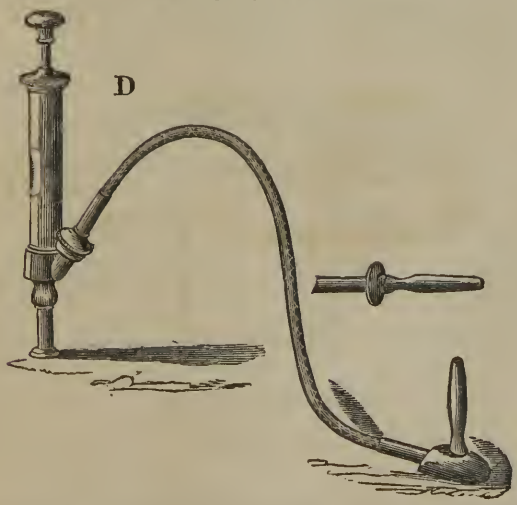


PLATE A represents Nos. 1 Lever Pump, without valves, the stop-cock being worked by means of a flute lever key. This is also fitted with Eng. Flexible Tubes, which renders it available as an enema apparatus. The barrel of this instrument is 5 inches long and 1½ in diameter $12 00

PLATE B—Portable Valved Brass Enema and Stomach Pump combined. In neat Mahogany Case, net..... 6 00



MAW'S IMPROVED APPARATUS FOR ADMINISTERING ENEMA.

Enema apparatus, *(plate D.)*	plain, per doz.	$24 00
do do	med. do	30 00
do do	fine do	36 00
do do Maw's London Pump.	net. do	30 00
do do do brass	do	36 00
Telescopic Enema (Hutchinson's)		48 00
Elastic Rubber Syringes	per doz.	18 00
Metallic Nipple Shields	do	1 25
Rubber Nipples	net per gross	7 00
Lip Salve Boxes, screw top	do	5 00
Ointment Boxes, 1 oz	do	9 00
do do 2 oz	do	12 00
Ear and Womb Syringes, in paper boxes,	per doz.	10 00
Ear Syringes, fine quality	do	5 00
Dr. Chase's Vaginal Syringe	do	15 00
Dr. Ralph's do do	do	6 00

DISSECTING, &c.

No. 1.—Set consisting of

Six Scalpels and Tenaculum, Ivory or Ebony Handles; Scissors, Chain Hooks, Forceps, Blowpipes, Rosewood Case, with Lock	5 00
No. 2, same, in Rosewood Case, Hooks	4 50

No. 3.—Containing

Four Scalpels and Tenaculum, Ivory or Ebony Handles; Scissors, Double Hook, Forceps, Blowpipe, Morocco Case	4 00

MISCELLANEOUS DISSECTING.

Dissecting Scalpels, plain	per doz.	4 50
do do fine	do	6 00
do do ferruled	do	9 00
Chain Hooks	do	6 00
Double Hooks	do	4 50
Dissecting Scissors	do	$6 and 7 50
Blowpipes	do	3 00
Cartilage Knives, each		1 00

POST MORTEM.

Case containing

Scull Saw, shifting back; Cartilage Knife, Catlin Chisel, fitting one spring-socket handle	6 50

Six Scalpels, in Ebony	$2 25
Long Spring Forceps	1 00
Blowpipe	25
Scissors	50
Chain Hooks	38
Needles	75
Hammer	1 00
Neat Mahogany Case, name plate	2 37
Net	$15 00

ANATOMICAL SYRINGES, &c.

1 oz. Brass Syringe, with 4 plain Pipes & Stop Cock	5 75
2 oz. do do 6 do do	6 75
4 oz. do do 6 do do	8 00
6 oz. do do 6 do do	9 50
8 oz. do do 8 do do	12 00
12 oz. do do 12 do do	18 00
Stop Cock Pipes, each	88
Syringe for minute Anatomical Injections, with two fine pipes	4 00
Glass Tube, with steel Stop Cock, for injecting the Absorbents with Quicksilver, with two steel Pipes	6 00
Mahogany Case for above	1 00

FRENCH ANATOMICAL PREPARATIONS.

Skeletons Articulated, $25, 30, 35 and	40 00
Mannikin d'Accouchment (Buckskin),	30 00
Basin of Female with ligaments, $8 and	10 00
Fœtal Heads	2 00
Heads, articulated and disarticulated, $7, 8, and	9 00
Hands and Feet with chords, per pair	3 00
Jaw of Child, showing first and second Dentition, mounted on stand, $7 and	10 00
Jaw of Adult, carved, with vessels and Dental nerves exposed, mounted on stand, with glass case, complete, $18 and	22 00
Bourgery and Jacob's Anatomical Plates, half life size, colored, on rollers, 20 plates, each	2 50
Marshall's Anatomical and Physiological Diagrams, 9 plates, 6 ft., on rollers	50 00
Trall's Physiological Plates, life size, on rollers 6 in a set	9 00
do do do colored.	12 00
Dermott's plates of Arteries connected with Aneurism,	

11 plates on rollers.....	$16 00
Boyan's Plate of the Ear, colored, on roller.....	1 00

Works on Surgery, furnished at the publisher's prices.

TRUSSES, SUPPORTERS, BANDAGES, &c.

Fig. 1.

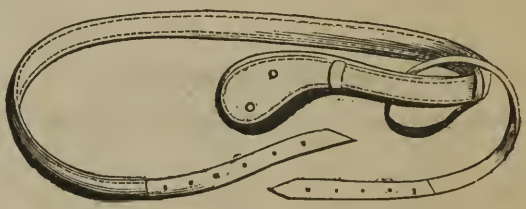


Fig. 2.

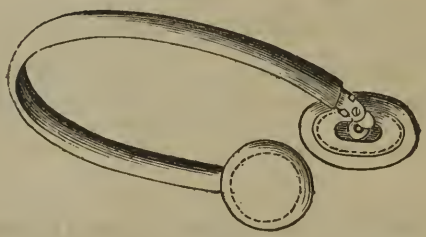


Fig. 3.

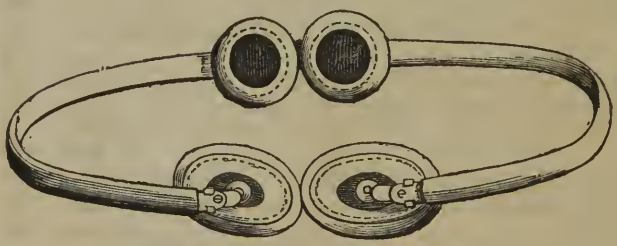
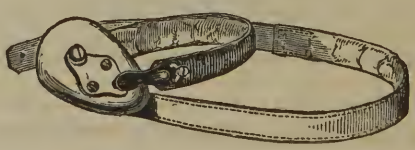


Fig. 4.



Improved Single Pad Trusses	per doz	$12 00
do do do Double Trusses	do	18 00
Hull's Hinge and Pivot Strap Trusses	do	12 00
do do do do Double Trusses	do	18 00
do do do plain Trusses	do	9 00
do do do do Double Trusses	do	13 50
do Youth's Strap Truss	do	10 00
do Plain Truss	do	9 00
Improved Turnpad, for either right or left	do	7 50
Umbilical Trusses, adult's	do	24 00
do do child's	do	12 00
New York Truss, *(see Fig* 1.)	do	6 00
do do Double	do	12 00
Common Spring Truss	do	4 00
do do do double	do	8 00
do do do Infant's	do	4 00
Chase's right or left Truss, genuine, single	do	18 00
do do do double	do	36 00
do do Imt'n small	do	12 00
do do do do double	do	24 00
Salmon and Ody, (Marsh's,) *(see Fig.* 2.)	do	18 00
do do do double, *(see Fig.* 3,)	do	36 00
Infant's Buckle Truss	do	9 00
do do do double	do	13 50
Ivory Pad Truss, *(Fig* 4,) new style, net	do	36 00
Buffalo Horn Pad Truss, *(Fig.* 4,) Ivory Pad style, net per doz		30 00
French Trusses, fine calf skin covers, single, per doz		12 00
do do do double	do	24 00
do do do Umbilical	do	12 00
do medium quality, Adult, single	do	9 00
do do do double	do	18 00
do do do Umbilical,	do	9 00
do Spring Ivory Pad, R. or L	do	20 00
Bett's Utero-Abdominal Supporters,	do	36 00
Jenny Lind do do	do	36 00
London do do	do	24 00
do do do	do	36 00
Empress Eugenia do do	do	24 00
Shoulder Braces	per doz., $9, 12, and	18 00
Suspensory Bandages, cotton	per gross	12 00
do do silk	per doz.	8 00

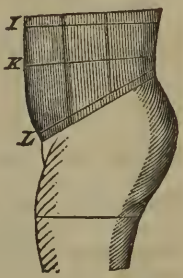
I am prepared to furnish to the Trade, at the manufacturer's lowest price, the most improved style of Splints now in use, which have received the highest testimonials from the profession, wherever they are used. These are illustrated in Plates Nos. 1 and 2, with full descriptions. Price, in neat case, $30.

SILK ELASTIC STOCKINGS, KNEE CAPS, AND BELTS.—Net.

DIRECTIONS FOR MEASUREMENT.

For a ¾ Hose, the circumference at A. B. C. D. & E., length from A. to ground...per doz.. $36 00

For a Knee Cap, circumference at A. F. & G., and length.....per doz.. $24 00



For an abdominal Belt, circumference at I, K, & L, depth from I. to L. ..each .. $8 50

For a long Hose same as ¾ Hose and Knee cap, with length of A. to ground and A. to top.....each.. $8 50

Japanned Hearing Trumpets, each from.....$1 50 to 3 00

Elastic Conversation Tubes, covered with silk velvet and with brass or horn mounts, three feet long, per doz..... 24 00

Ear Cornets, for deafness,....*(see cut above)*..per doz. 45 00

FRACTURE APPARATUS.

Welch's Fracture Apparatus, in case	$30 00
Day's Complete Fracture Apparatus	40 00
Surgeon's Lint, per roll....$1 to	2 00
Plain Splints in sets, each,....net	2 00
Improved Spring Shoe....$5 to	10 00
Improved Supporter Boot....$5 to	10 00
Club Foot Shoes....3 to	5 00
Artificial Legs, to order....50 to	150 00

Measures required for a Wooden Leg for amputation above the knee.—No. 1, round top of thigh, close to the crutch.—No. 2, round end of the stump.—No. 3, length from the crutch to the ground.

For an Amputation below the knee.—No. 1, diameter of the knee when bent.—No. 2, diameter of the thigh, close to the crutch.—No. 3, length from under the knee, when bent, to the ground.

PILL MACHINES.

Three, Four and Five Grains—Net.

24 Pills, with Rollers $5 50 ; same without Rollers	5 25
18 do do do 4 50 do do do	4 25
12 do do do 4 00 do do do	3 75

The above Machines are finished in a style equal to any in the market, neatly adjusted, with Mahogany polished frames, brass plates, &c. *See Illustration.*

PHYSICIANS' POCKET VIAL CASES.—Net.

Case containing nine 2 dr. Vials, solid Case, gilt edge, and clasp	10 50
Double Case, gilded, containing eighteen 2 dr. Vials, solid case and clasp	15 00
Double Case, gilded, containing twenty 2 dr. Vials, book form and clasp	15 00
Folding Case, with strap, gilded, sixteen 2 dr. Vials.	16 00
Double Case, containing twelve 1 oz. Saddle-bag Bottles, book form, handle	4 25
Homœopathic Vial Case, 36 half dr. Vials, per doz...	21 00
do do do 30 qr. dr. do do	18 00
Telescopic Pocket Vial Case, very compact, containing twelve 2 dr. Vials, per doz.	15 00

METAL SYRINGES.

	PEWTER.	MEDIUM.	FINE WHITE METAL.
24 ounce, self, in case	$14 00	$25 00	$30 00
16 do do do	12 00	16 00	21 00
12 do do do	9 00	12 00	15 00
10 do do do	9 00	12 00	15 00
8 do do do	8 50	11 00	14 00
6 do do do	6 50	9 00	12 00
4 do do do	5 50	7 00	9 00
24 do single, in paper cases	10 00	18 00	24 00
16 do do do do	8 00	12 00	16 00
12 do do do do	5 00	9 00	10 00
10 do do do do	5 00	9 00	10 00
8 do do do do	4 50	7 00	9 00
6 do do do do	3 50	5 00	7 00
4 do do do do	3 00	4 00	5 00
2 do do do do	2 50	3 00	4 50
1 do do do do	1 00	2 00	3 00
PP, per gross		9 00	18 00
PF, do	9 00	12 00	24 00
PF, long, per gross	12 00	18 00	36 00

WOMB SYRINGES.

6 ounce, fine metal, in cases	14 00
4 do do do	12 00
2 do do do	9 00
6 do plain do	6 50
4 do do do	5 50
2 do do no cases	3 50

These Syringes are made with great care, and free from defects as possible, while the fine quality have no superior in the market. The discounts from the above will be subject to the vacillating price of metals, always assuring our customers the best rates.

GLASS SYRINGES.

	PER GROSS.	PER DOZ.
No. 1 Male Cap'd	$9 00	75
2 do do	10 00	84
3 do do	12 00	1 00
4 do do	13 00	1 08
5 do do	18 00	1 50
2 oz. Injection Cap'd	27 00	2 25
4 oz. do do	42 00	3 50
6 oz. do do	54 00	4 50

Female Syringes, Cap'd.

	PER GROSS.	PER DOZ.
No. 1 Female Cap'd	$10 00	84
2 do do	11 00	92
3 do do	12 50	1 04
4 do do	14 00	1 17
5 do do	18 00	1 50
2 oz. do do	27 00	2 25
4 oz. do do	42 00	3 50
6 oz. do do	54 00	4 50
No. 2 Womb Cap'd		2 00
3 do do		2 25
4 do do		2 50
2 oz. do do		2 75
3 oz. do do		3 50
4 oz. do do		4 50
6 oz. do do		6 00
2 oz. do with Shield		4 50
4 oz. do do		6 00
6 oz. do do		6 50
Ear Capped		1 25
Dentist do		1 25
Oculist do		1 25

GRADUATED MEASURES.—Warranted Correct.

Minnum, English style	per doz.	2 50
do French do	do	3 00
do 2 Drachm	do	3 00
½ oz. Graduated	do	2 50
1 do do	do	2 50
2 do do	do	3 00
3 do do	do	3 25
4 do do	do	4 00
6 do do	do	5 00
8 do do	do	6 00
12 do do	do	7 50
16 do do	do	9 00
24 do do	do	12 00
32 do do	do	18 00
48 do do	do	24 00
2 do Tumbler Shaped	do	3 00
4 do do do	do	4 00
6 do do do	do	5 00
8 do do do	do	6 00
12 do do do	do	7 50
16 do do do	do	9 00
24 do do do	do	12 00
32 do do do	do	18 00
48 do do do	do	24 00

DENTAL INSTRUMENTS.

TEETH EXTRACTING—*Case No.* 1, *consisting of*

A pair of curved Forceps, fine ; pair Straight Forceps, fine ; one Fox's Spring Bolt Key ; one Gum Lancet ; one Punch or Elevator ; in Ivory Handle, Leather Pouch..... $8 00

Case No. 2.

Same in Ebony Handle..... 6 00

Case No. 3.

One pair D. J. Plain Forceps, straight ; one pair D. J. Plain Forceps, curved ; Fox's Plain Key ; one Punch ; one Gum Lancet..... 5 00

Case No. 4.

One pair S. J. Forceps, curved ; one pair S. J. Forceps, straight ; one D. C. Plain Key ; one Gum Lancet ; one Punch..... 4 00

KEYS.

Dr. Fox's Spring Bolt Keys.....	per doz.	14 00
do do do with Button.....	do	16 00
do Plain do.....	do	12 00
Dr. Clark's Trigger Keys.....	do	14 00
Imp'd Shifting Fulcrum Keys.....	do	15 00
do Swivel Pocket Keys, plain.....	do	18 00
do do do fine.....	do	24 00
D. C. (double curved) plain Keys.....	do	8 00
S. C. (single do) do.....	do	7 00
S. T. (straight do) do.....	do	6 00
Ivory handles to any of the above Keys Extra ..... net..	do	6 00

TOOTH FORCEPS.

S. J. Plain Forceps, curved or straight.....	per doz.	6 00
do do do Hawksbill	do	7 00
D. J. do do curved or straight.....	do	9 00
do do do for stumps, curved or st...	do	9 00
do do do Hawksbill	do	10 00
do do do Large.....	do	12 00
do Fine do curved or st., *(see cuts)*..	do	12 00

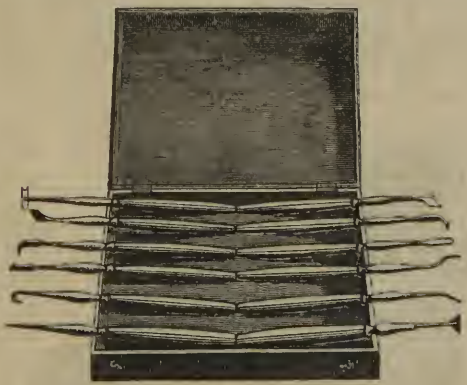
D. J. Fine Forceps, Hawksbill	per doz.	$12 00
do do do Large, cv'd or straight	do	18 00
do do do D. C. U. M., *(see Fig.* 8.)	do	24 00
do do do Cv'd Handles, assorted	do	24 00
do do do Excising or Cutting	do	18 00
do do do Punching	do	24 00
do do do Bending	do	24 00
do do do Molars, right or left	do	15 00
do do do For Roots	do	15 00
Dr. Snell's Cv'd Handle Forceps, in sets of 7 prs. *(see Figs.* 1, 2, 3, 4, 5, 6 and 7,) octagon joints,	per set	14 00
Dr. Snell's Cv'd Handle Forceps, do	do per doz.	24 00
do do do do oval	do do	18 00
Hullihen's Screw Forceps for removing Roots, (*see Fig.* 9,)	per doz.	36 00

All the fine Forceps are octagon joints, fine crocus finished, and checkered handles.

TONGUE HOLDERS.

Pearl Tongue Holders, with two sets,	per doz.	24 00
do do do one set	do	18 00
do do Carved	do	15 00
do do Plain	do	9 00

CASE SCALING AND FILLING INSTRUMENTS.



Tooth Punches, assorted, per doz	6 00
do Screws do do	6 00
Ivory handle Gum Lancets, do	9 00
do do Shifting blade, per doz	12 00
Case Scalers and Pluggers, Ebony Handles, 12 Instruments. *(See cut)*	7 00
do do Ivory do do	14 00

Scaling and Plugging Instruments, per doz.	$6 and	$12 00
Excavators, Burrs, and Drills.....	do	1 25
File Holders, each.....	$1, 1 50 and	2 00
Tooth Hooks, per doz.....		1 25
Sockets, with 6 Burs and Drills, each.....		1 50
Drill Bows, each, from.....	$1 50 to	3 00
Files for separating, per dozen.....		1 00
Dental Blowpipes, various patterns		
Dental Lathe.....		15 00
Mouth Mirrors.....	each $1 50 to	5 50
Hand do.....	do $6 to	30 00
Foil Shears, pearl handles.....	do 6 to	12 00
do do steel do.....	do	1 25

DENTAL CASES.

Case No. 0.

Contains 4 pairs of Forceps, 1 Key with 3 hooks, 5 Scaling and 5 Plugging Instruments, 1 Burnisher and 1 Lancet, 1 Mouth Mirror, 1 dozen Burrs and Excavators, 1 Stump Screw ; in neat Mahogany Case, velvet lined..... 18 00

Case No. 00.

Contains 6 pairs Forceps, 1 Key with 3 hooks, 8 Plugging and 8 Scaling Instruments, 1 Burnisher and 1 Lancet, 1 Mouth Mirror, 2 dozen Burrs and Excavators, 1 Stump Screw and 1 Elevator ; in neat velvet lined Mahogany Case..... 25 00

Case No. 1.—*Containing*

18 Ivory Pluggers and Scalers, Silver Ferrules.
1 Pearl Mouth Glass.
1 do Mirror.
1 do Lancet.
3 doz. Excavators, Octagon handles.
2 prs. Forceps for Upper Molars, right and left.
1 do do Lower do
1 do do do Bicuspids.
1 do do Upper Incisors, Canine and Bicuspids
1 do do Roots and Lower Incisors, crooked.
1 do do Straight.
1 do do Excising.
2 Elevators.
1 Screw.
In a neat Mahogany, brass-bound Case, lined with Velvet $50 00

Case No. 2.

2 doz. Ivory-handled Pluggers and Scalers, (including socket,) with Silver Ferrules.
1 Pearl Mirror, Silver Ferrule.
1 do Mouth Glass, Silver Ferrule.
1 do Gum Lancet.
1 pair Foil Shears.
4 doz. Steel Excavators and Drills, file cut handles.
2 pair Forceps, Upper Molar, right and left, oval joints.
1 do do Lower do do
1 do do do Bicuspid, do
1 do do Upper Incisors, Canine & Bicuspid, oval joints.
1 do do Roots and Lower Incisors, curved, do
1 do do do do straight, do
1 do do Excising, do
1 do do Dentes Sapientia, do
2 Elevators.
1 Screw.
2 doz. Excavators and Drills for Socket.
In a neat Mahogany or Rosewood, brass-bound, Case, with three Trays, and space in lower one, divided into compartments for Teeth, Foil, Files, &c., and drawer for Forceps, lined with Velvet, for 75 00

Case No. 3,

2 doz. Large size Ivory-handle, Silver mounted Pluggers and Scalers.
1 Pearl Mirror, Gold Mounted.
1 do Mouth Glass, Gold Mounted.
1 do Lancet, do
13 pairs best Octagon Crocus-polished Forceps.

1 pair best Screw Forceps.
1 large Ivory Elevator.
1 large Ivory Punch.
3 doz. Steel File-cut handle, Excavators and Burrs.
Rosewood or Mahogany Case, brass-bound, with three Trays, and space in lower Tray divided into compartments for Teeth, Foil, Files, &c., and drawer for Forceps ; all lined with Silk Velvet..... $100 00

Case No. 4.

The same description of Case as No. 3, with 24 Pearl-handled Gold Ferrules, instead of 24 Ivory-handled Instruments 125 00

Any style and price of Case got up in the neatest manner, at correspondingly low prices.

MEDICINE CHESTS.

NO. 0.—Without Drawer, Painted.

18 in. long. 12 in. wide. 7 in. deep. } 16—4 oz. squares, cork stoppers..... 4 00

No. 1—With Drawer, Painted.

12½ in. long. 10 in. wide. 9½ in. deep. } 6—3 oz. squares, cork stoppers, 8—1½ oz. squares, do 3 Tincture Jars and Pots..... 4 00
Same with glass gr'd Stoppers, in lieu of cork..... 4 75

No. 2—With Drawer, Painted.

16 in. long. 10 in. wide. 9½ in. deep. } 8—3 oz. squares, cork stoppers, 8—2 oz. do do Tincture Jars and Pots..... 4 50
Same with glass gr'd stoppers, in lieu of cork..... 5 50

No. 3.—With Drawer, Painted.

20 in. long. 12 in. wide. 10½ in. deep. } 18—4 oz. squares, cork stoppers, 8—2 oz. do do Tincture Jars and Pots..... 6 00
Same with glass gr'd stoppers, in lieu of cork..... 7 12

MAHOGANY—BEST QUALITY, Highly Polished.

No. 1.—With Drawer for Pots, &c.

12½ in. long. 10 in. wide. 9½ in. deep. } 6—4 oz. Glass squares, stopped, 8—2 oz. do do do 3 pint Tincture Jars..... 7 00

No. 2.—With Drawer for Pots, &c.

16 in. long. } 8—4 oz. Glass squares, stopped,
10 in. wide. } 8—2 oz. do do do
9½ in. deep. } 4 pint Tincture Jars..... $8 50

No. 3.—With Drawer, &c.

20 in. long. } 18—4 oz. Glass squares, stopped,
12 in. wide. } 8—2 oz. do do do W. M.
12½ in. deep. } 5 pint Tincture Jars..... 10 00
Brass ornaments extra..... 3 00

No. 4.—With Drawer, &c.

22 in. long. } 18—6 oz. Glass stop Bottles
14 in. wide. } 8—4 oz. do do do W. M.
10½ in. deep. } 8—1½ oz. do do do
6 pint Tincture Jars..... 13 00
Brass ornaments and fastenings, extra. 3 50

No. 5.—With Drawer, &c.

28½ in. long. } 18—16 oz. squares, Glass stopped
18½ in. wide. } 8—8 oz. W. M. do do do
13½ in. deep. } 8—2 oz. do do do
7 pint Tincture Jars..... 22 00
Brass fastenings, extra..... 5 00

No. A,—Highly Polished Black Walnut.

15 in. long. } 6—8 oz. N. M. Mushroom stop'd sq.
10 in. wide. } 8—3 oz. do do do
9½ in. deep } 12—1½ oz. with Drawer for Pots, &c.... 8 50

No. B.

15 in. long } 6—8 oz. N M. Mushroom stop'd sq.
10 in. wide. } 8—3 oz. do do do
10 in. deep. } 4—2 oz. do do do
8—1½ oz., Drawer for Pots, &c..... 8 50

No. C.

16 in. long. } 6—8 oz. N. M. Mushroom stp'd sq.
10 in. wide. } 8—3 oz. do do do
10 in. deep. } 9—2 oz. do do do
8—1½ oz. with Drawer, &c..... 9 75

No. D—Small Family Chest, without Drawer, contains

3—4 oz. flat squares, W. M.
4—2 oz. do do N. M..... 3 00

No. E—Small Family Chest, without Drawer, contains

4—4 oz. flat squares, W. M.
4—4 oz. do do N. M.
5—2 oz. do do do $5 00

No. F.—Imp'd double-folding wing chest, and slide in the back, containing 26 Bottles, (8—6 oz., 12—2 oz., 6—1½ oz.), with drawer, containing mortar, measure, and tray with scales, drop measure, and knife, complete 25 00

No. G.—Opens with wings and slide in the back, containing 32 bottles, (18—2½ oz. in the wings, 10—6 oz. in the body, 4— ½ oz. in the drawer,) 5 drawers, containing mortar, measure, scales, &c., all complete 30 00

No. H.—Is a portable Mahogany or Black Leather Chest, with lock and handle, for Physician's hand use. Containing 12 ½ oz. stopped flat sq 4 00

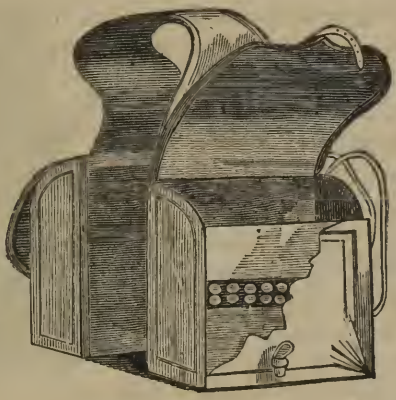
No. I.—Is a Physician's Buggy Chest, of White Russet Leather, containing 4 4 oz. Salt Mouth stopped squares, 5 2 oz. Tinctures, glass stopped, 6 1½ oz. Tinctures, glass stopped, in Tray, beneath which is a space for Instruments, &c 7 50

No. K.—Is same pattern and material as No I, and contains 4 2 oz. W. M. stopped squares, 10 1½ oz. Tinctures 6 50

The above Medicine Chests are all made at our own Factory, always of the best materials, and lined with a fine quality of Morocco, which is more durable than velvet. They are made specially with reference to the Southern Climate, and warranted not to be affected by it. A manual corrected and revised with special reference to Family and Plantation use, by Prof. Guthrie, will accompany each chest. Scales and Weights, Mortar, Labels, Graduate, &c., will be sent with the Chests only when so ordered, excepting Nos. F. and G.

MEDICAL SADDLE-BAGS.

No. 1.



These two Nos., 1 and 2, are much improved in the quality of the Stock, and in the form for holding the vials, by dropping them in a Tube inserted into the form.

No. 1. Patent Leather, velvet lined, contains 16 1 oz. S. B. Vials, with tray for Instruments..... $6 00

No. 2. Patent Leather, velvet lined, with tray, &c., contains 8 2 oz. S. B. Vials, 8 1 oz. ditto..... 6 50

No. 3.

No. 3. White Russet Leather Body, with Patent Leather Flap, trimmed with red binding. The Trays in these bags are permanently fitted, under which slide drawers, containing 8 1½ oz. ground stopped squares, and 8 2 oz. ground stopped squares..... 8 50

No. 4. White Russet Leather Body, and Patent Leather Flap, the same as No. 3, contains 12 1½ oz. ground stopped squares, 12 2 oz ground stopped squares 9 50

Nos. 5 and 6.

The body of these Bags, Nos. 5 and 6, is of the best quality of Bridle Leather, strongly fastened and very durable. The outside, or upper flap of Patent Leather, trimmed with red binding, marbelized linen lining and name plate ; intermediate are leather pocket flaps for instruments, &c.

No. 5. Contains 20 one oz. glass stop squares, 10 in each side..... $7 00

No. 6. Same pattern, contains 12 one oz. glass stop squares, and 12 two oz. glass stop squares..... 8 00

Nos. 7 and 8.

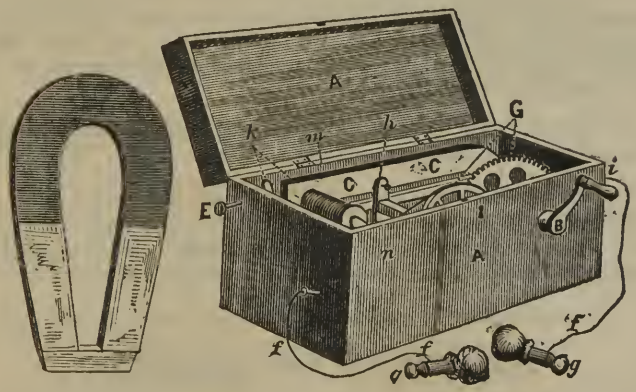
The body of the Bags, Nos. 7 and 8, is made of the best quality of Russet Bridle Leather, in the form of a box, into which slide the cases, containing S B. Squares, as represented in the cut. Forward of the box is a pocket for Instruments, &c., over which falls the Patent Leather flap.

No. 7. Contains	8	1½ oz.	gr'd	stoppered	squares, and	
	8	2 oz.	do	do	do	$7 50
No. 8. Contains	12	1½ oz.	do	do	do and	
	12	2 oz.	do	do	do	8 50

These Bags are all made in a superior style, from the best stock I can procure, which for durability, price, and elegant appearance, I will guarantee superior to any other make, here or elsewhere.

MAGNETO-ELECTRIC MACHINES,

FOR MEDICAL PURPOSES.



A. A. In the above cut represents a box containing a machine, moved by a crank.

B. Crank screwed on the shaft of the driving wheel, which can be taken off.

C. C. A magnet.

D. A helix, revolved as near the end of the magnet as can be and not hit, regulated by screws at the further end of the shaft.

E. A brass head, connected by a wire to a piece of iron,

standing across the end of the magnet on the back side, which is an armature or keeper, and also regulates the strength of the current, by crowding it in to weaken it, and pulling it out to increase the strength of the current ; and when the machine is out of use, it should always be left crowded in.

f. f. Are the wire conductors that take the current from the machine.

i. i. At each end of the machine, are the brass wires introduced into a hole in a brass head to get the current.

g. g. The handles, at the end of the conductors, here represented with a sponge tied on them to apply to the patient. The sponges should be wet before applying them to the patient, and the wood at the end of the handles is to take hold of while applying it, that the current does not affect the fingers of the operator.

The figure to the left of the machine in the wood cut represents a common Horse-shoe Magnet, which is also manufactured as above, of all sizes from two inches upward.

All those parts that have much motion should be touched occasionally with a drop of oil, and the wet sponges and handles never be put inside the box. This machine can be operated from the outside, with the box closed, and therefore cannot be disarranged.

A Manual, descriptive of the treatment of diseases by Electro-Magnetism, will accompany each machine.

We are now making these machines at our own Factory of better material than we have been enabled to procure elsewhere, and placing the works in a neatly finished Mahogany Box, highly polished. Price per doz., $72 ; singly, $7 50 net.

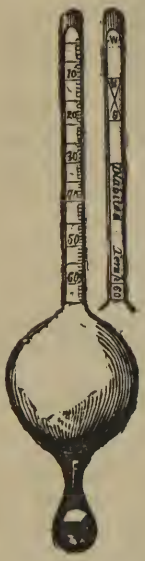
THERMOMETERS AND BAROMETERS.

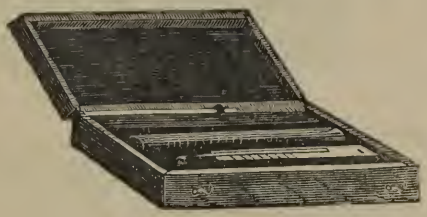
7	inch,	Tin	per doz.	$4 00
8	do	do	do	4 50
10	do	do	do	5 50
12	do	do	do	6 50
10	do	Single Degree, Standard Tin	do	9 00
8	do	Mahogany, Fancy	do	6 50
10	do	do do	do	7 50
10	do	Rosewood, do	do	9 00
10	do	do Single Degree	do	12 00
12	do	do	do	20 00
12	do	do Half Degree	do	24 00

Standard Barometers, for Public Institutions, will be Furnished to Order.

To each Instrument there is attached an accurate Thermometer and Printed Rules for Observation.

Thermometers for Sea use, in Copper Cases, ea.	$1 25	to	$2 00
Hydrometers, each	75	to	4 00
Alcoholmeter, do	1	to	9 00





Urinometer Cases, containing Meter and Graduated Glass for floating it, a delicate Thermometer, and Test Papers, complete, *(see cuts.)* 4 50

GLAZIERS' DIAMONDS.

Ebony Handle (French)			per doz.	24 00
do	do	Plain	do	36 00
do	do	Key	do	48 00
Ivory	do	Plain	do	54 00
do	do	Key	do	60 00
do	do	Pocket folding	do	60 00
do	do	For Plate Glass	each	$10 to 15 00

SCALES AND WEIGHTS.

French Brass Standard Pres. Scales, with lever, steel bearings with chains, &c., upon Mahogany Box and Drawer containing Weights in Block, *(Fig. 1,)*.....per doz. $30 and $33 00

A larger size, copper wires, and movable pans, *(Fig. 2.)*.....each 4 88

do Mahogany box with marble top, beam 5½ in. long, stand 8 in. high above box.....each 6 50

The same, with beam 6½ in. long, stand 9½ in. high above box.....each 8 50

Block of Mahogany Weights, *(see cut No. 7.)*..... do 3 50

No. 1, German Pres. Scales 6 in., Morocco or wood box, per doz. 6 00

do 2, do do do 7 in. do do do 7 50

do 3, do do do 8 in. do do do 9 50

BERANGER & CO.'S BALANCES.

See Cuts.

Diameter of the Basins.	Weight in pounds the Scales carry.	Rich Bronzed Metal Body, with White Marble Top. *Figs.* 3 & 4.	Plain Ebony Body, with White Marble Top. *Figs.* 5 & 6.	Plain Wood Box, Wood Top, &c.
5½ inches.	1 lb.	$15 00	$12 00	$6 75
6½ "	2 "	18 00	15 00	7 80
7 "	4 "	21 00	18 00	9 50
8 "	9 "	25 50	22 50	10 80
9 "	13 "	30 00	27 00	12 30
9½ "	18 "	34 50	30 00	13 80
10½ "	27 "	39 00	33 00	15 30

SPATULAS.

PER DOZEN.

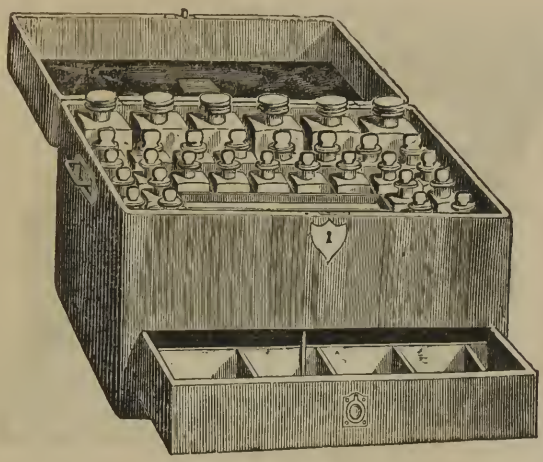
$1 12,	1 38,	1 63,	2 12,	2 50,	3 00,	3 63,	4 12,	4 75,	5 62,
3	4	5	6	7	8	9	10	11	12 in.

Balance Handles.

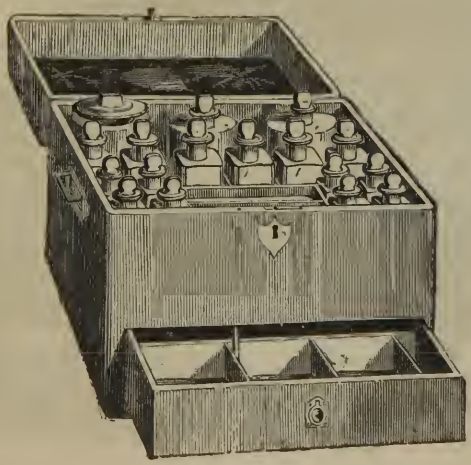
$1 38,	1 63,	1 88,	2 50,	2 87,	3 38,	3 87,	4 50,	5 25,	6 50.
3	4	5	6	7	8	9	10	11	12 in.

Putty Knives.....per doz. $2 00

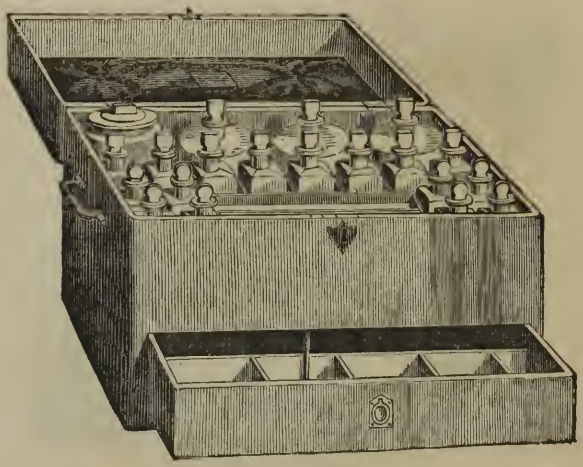
No. C.—See page 33.



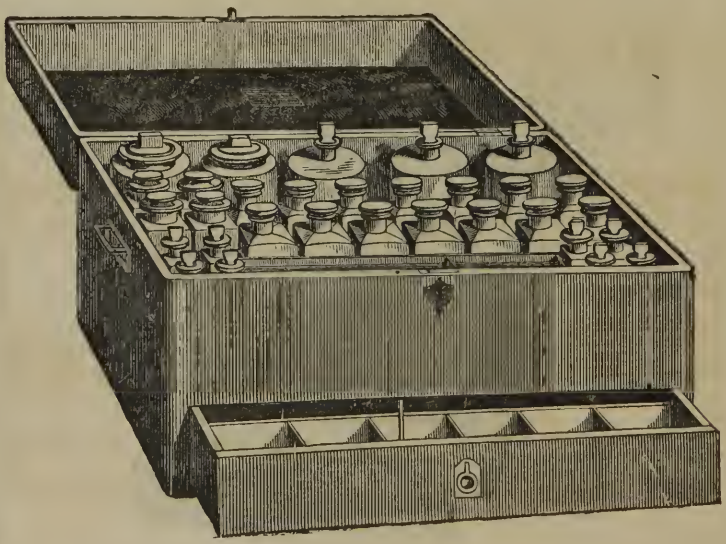
No. 1.—See page 32.



No. 2.—See page 33.



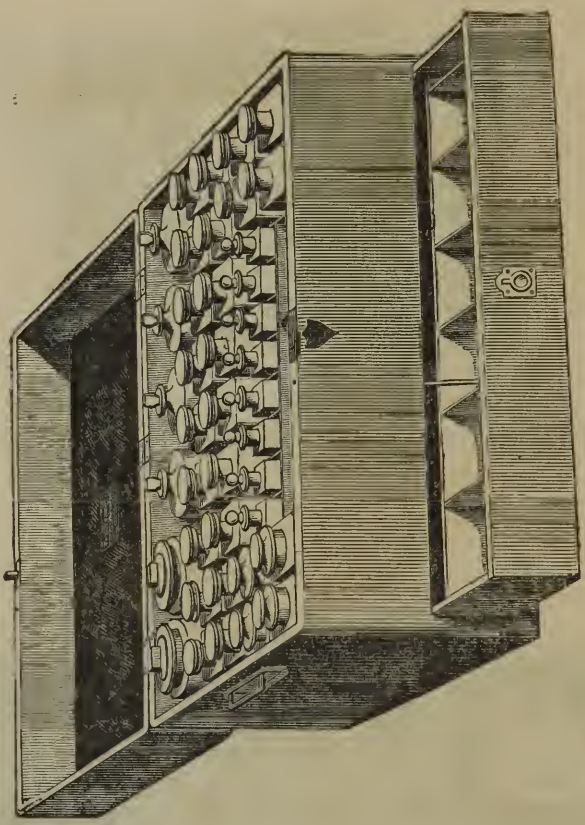
No. 3.—See page 33.



No. F.—See page 34.

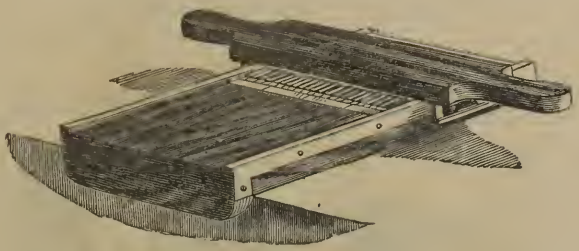
No. G.—See page 34.

No. 4.—See page 33.

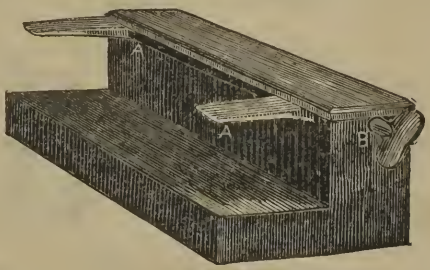


No. 9.—Hullihen's Screw Forcep.—See page 29.

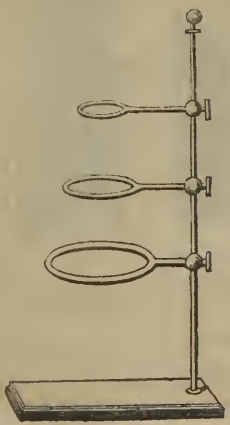
PILL MACHINE.—(See Page 25.)



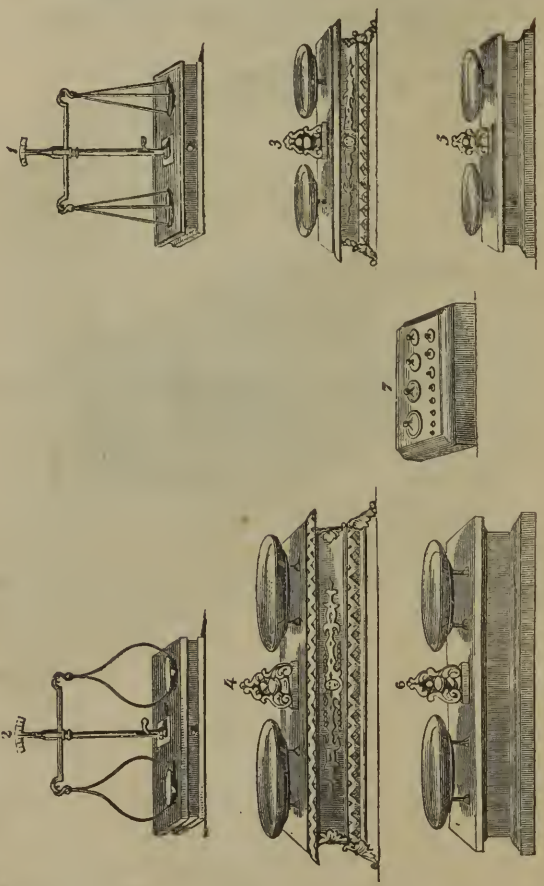
POWDER FOLDER, each net, $2 00.



RETORT STANDS, Polished.—Price per doz., net, $15 00.



SCALES AND WEIGHTS—(See Page 40.)



WELCH'S SPLINTS.

EXPLANATION OF THE PLATES.

PLATE 1.

SPLINTS FOR THE SUPERIOR EXTREMITY.

Fig. 1. "Forearm Splint—(Dorsal)."

For the dorsal side of the Forearm.

Fig. 2. "Forearm Splint—(Palmar)."

For the Palmar side of the Forearm.

Fig. 3. Wrist Splint.

For Fracture of the Radius near the wrist, or dislocation of the Ulna at the inferior extremity, or both combined For the same injuries may be substituted the Splint represented—

Fig. 4. "Ulna Splint."

Fitted to the Ulnar side of the Forearm.

Fig. 5. "Straight Hollow Splints for the Arm," of several sizes.

Fig. 6. "Elbow Splints." For Fractures near the Elbow. "These splints are fitted to the two sides of the arm and connected at the elbow by double hinges, which fix the arm at any degree of flexion or extension required, and the position may be changed by turning the screw, which serves also as a pivot for the hinge. The hinges may be easily transferred to splints of different sizes."

Fig. 7. "*Shoulder Splint* adapted to the top of the shoulder and outside of the arm. The joint is required to accommodate the cap or upper portion of the splint to the different positions of the shoulder."

(See Transactions of the American Medical Association, vol. 9, p. 230.)

Fig. 8. Adjustable Side Frame for Fractures of the Leg.

"This may be flexed or extended, and fixed in the position required, by the hinges. This is done by means of pinion-like teeth at the circumference of the hinges, which are held in contact or separated, by screws, forming the pivots of the joints. It is fitted to limbs differing in length by sliding joints at the sides of the limb, and in the splint which supports the under side of the limb. The depth is increased or diminished by turn-

ing the screw at the bottom of the foot-piece. Flexible side splints are confined by a bandage to the sides of the limb; another may be placed on the top of the thigh to support the thigh straps."

Fig. 9. A form of Gaiter for making extension in fractures of the thigh.

Plate II.

SPLINTS FOR THE INFERIOR EXTREMITY.

LEG SPLINTS.

Fig. 1. Fitted to the inside of the leg.

Fig. 2. Fitted to the outside of the leg.

Fig. 3. Straight hollow splints of different lengths, for different sides of the thigh.

Fig. 4. "Splints for fractures near the ankle joint."

Fig. 5. Adjustable double inclined plane for fractures of the leg.

This is a modification of Amesbury's Splint for fractures of the leg, with Roe's improvement in the method of making the Splint adjustable to different sized limbs, which consists in having several Splints of different sizes fitted to the under side of the limb, which can be connected to the main Splint or removed as required, by means of sliding joints or screws. It is here further improved by an original form of hinge corresponding with the knee in which the centre of motion in the Splint, when flexed or extended, corresponds with that of the knee, and the limb can be flexed or extended with little or no change in the relative length of the limb and the Splint. The Splint can also be made longer or shorter to correspond with limbs of different lengths, or to make extension in dressing by turning the screw at the heel; this does not make any projection of the Splint beyond the foot. The brace for fixing the knee at the angle required, is regulated, as delineated in the plate, by a screw parallel with the thigh piece, or by a vertical screw and slide, as in Amesbury's Splint. The former has the advantage of making flexion and extension by a more gradual and uniform

motion, when only slight motion can be allowed in consequence of inflammation or injury of the joint.

Fig. 6. "Thigh Apparatus."

a. "Upper extremity, broad and well cushioned so as to rest easily over against the side of the body. The breadth of this portion of the Splint assists also in preventing its rotation. It is furnished with rings for the perineal band."

b Brace for fixing a joint; to be used only in packing.

c. Screw for adjusting a sliding joint, for the purpose of lengthening or shortening the Splint.

d. Thumb screw for making extension.

The hollow Splints represented below, can be moved upon each other by a joint opposite the ham, and their position secured by a movable bar. They may also be lengthened or shortened. There is a joint corresponding to the heel, and another opposite the sole of the foot.

"The apparatus may be used as a double inclined plane, or as a straight Splint. Lateral Splints (fig. 3) accompany the apparatus, all of which are made of gutta percha veneered with wood. They are moulded and flexible."—*Transactions of American Medical Association, Vol.* 10, *p.* 432.

MEDAL OF THE METROPOLITAN MECHANICS' INSTITUTE.

The Metropolitan Mechanics' Institute of Washington, D. C., presented to Dr. Welch their Silver Medal, in testimony of the merits of his Splint and Apparatus for Fractures.

From Professor Valentine Mott, M. D., of New-York.

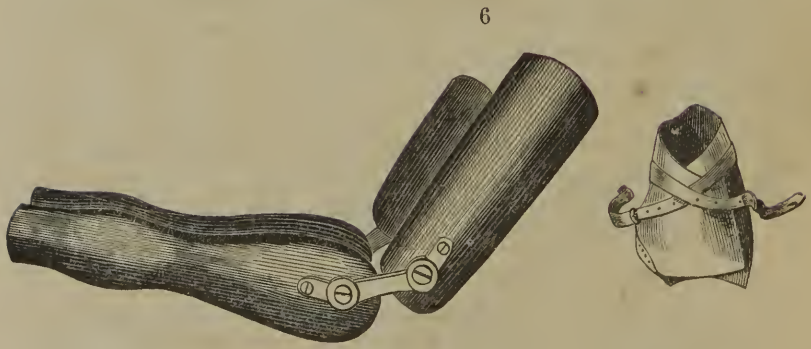
I have examined the apparatus invented by Dr. B. Welch. In it is combined the splint of Amesbury and the seven principles of Boyer, for the lower extremity.

The splints are composed externally of very delicate slips of wood, with gutta percha between them. By this arrangement, when dipped into hot water they become flexible, and will adapt themselves neatly to the parts. They are very cheap, and well adapted to all the various fractures of the upper and lower extremities.

VALENTINE MOTT.

New-York, Dec. 10, 1853.

PLATE I.



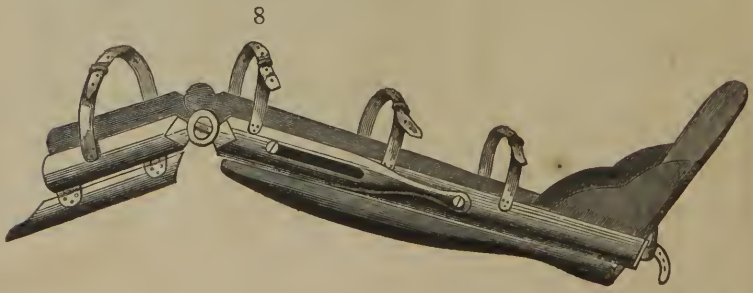
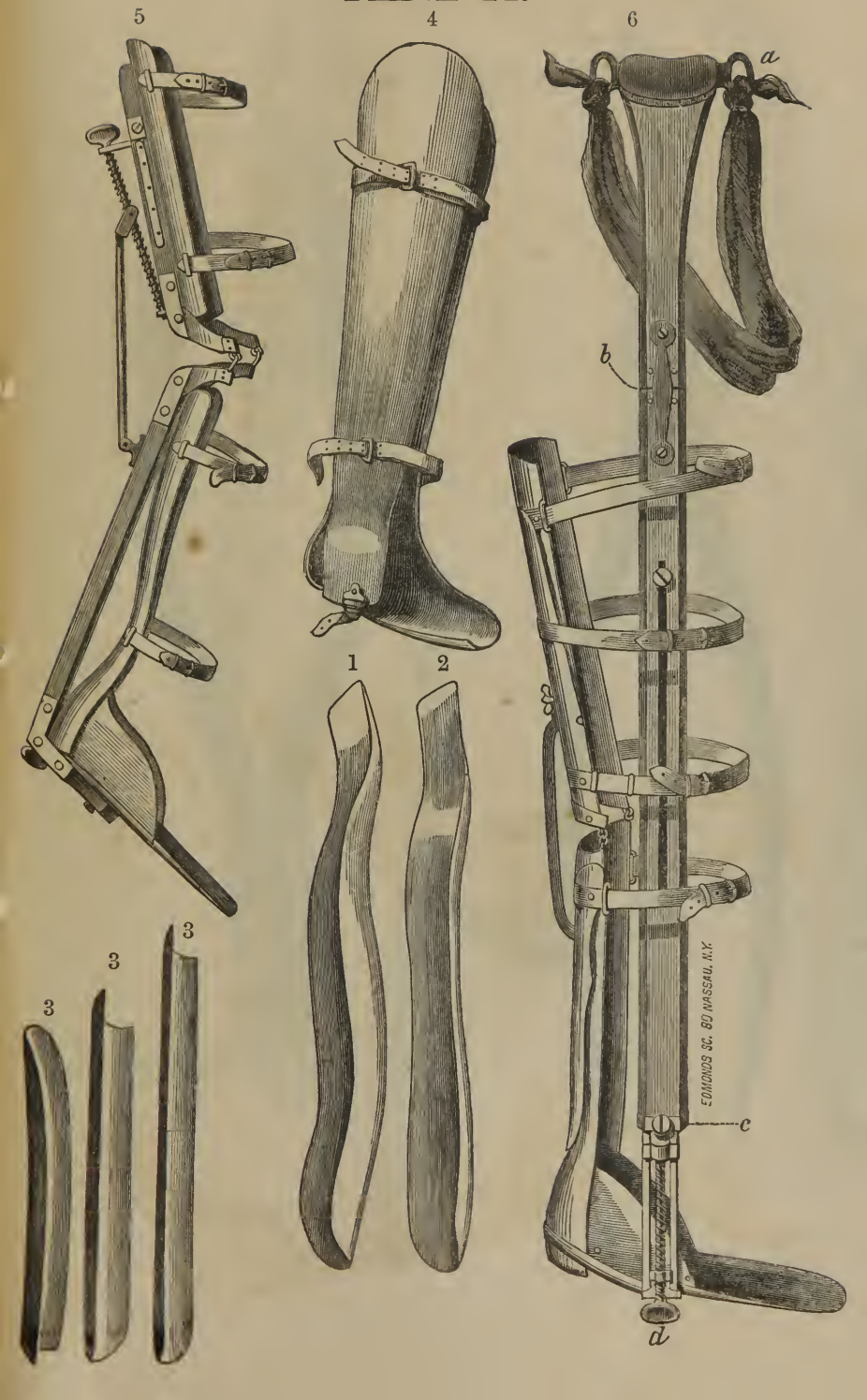


PLATE II.



See Pages 28 and 29.

No. 1.—See page 29.

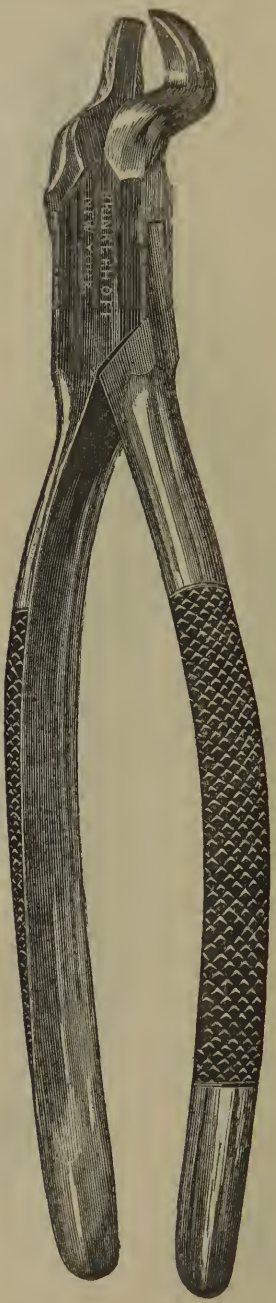
No. 2.—See page 29.

No. 3.—See page 29.

No. 4.—See page 29.

No. 5.—See page 29.

No. 6.—See page 29.

No. 7.—See page 29.

No. 8.—See page 29.